

EverFocus selects Theia's megapixel lenses for use on their new HDcctv 1080p and IP 2 Megapixel cameras

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EverFocus Electronics Corp. has selected Theia's new megapixel auto-iris lenses for use on the EQH5200 series HDcctv and EAN3200 series IP cameras that will be released at ASIS, in Orlando, Florida, September 19 – 21, 2011. These two lenses, along with Theia's SY110A lens are now offered as optional accessories across EverFocus' portfolio of megapixel box cameras. Theia will demonstrate its newest offerings in booth 1864 at ASIS later this month.

With the introduction of EverFocus' megapixel HDcctv and megapixel IP cameras, EverFocus searched for lenses with the optical clarity and focal range to allow full use of the 2 megapixel imaging capabilities of its new EQH5200 series HDcctv and EAN3200 series IP cameras and selected Theia's new megapixel offerings.

According to Alan Schwartz, HDcctv Product Manager at EverFocus, "In addition to superlative image clarity, to fully leverage the capability of megapixel cameras to deliver greater pixel/foot resolution, virtual pan/tilt/zoom and the inherent ability to cover much larger areas with a single camera, one requires *distortion free* lenses with very short focal lengths for wider views. Theia's unique technology creates ultra wide views without the fish-eye effect one would normally expect from focal lengths of less than 2mm. The end result eliminates any need to compromise image quality to achieve the benefit of lower equipment cost per foot or degree of covered field of view."



EverFocus has selected Theia's new SL183 1.8 to 3mm, 5 megapixel, IR corrected lens with Theia's patented Linear Optical Technology® to provide up to 115 degrees (depending on sensor) undistorted horizontal field of view (HFOV), providing the opportunity to cover more area with a single camera, potentially reducing the overall cost of HDcctv and IP system ownership.



In addition, Theia's newest megapixel offering, the SL940A telephoto lens, provides full 5 megapixel resolution to zoom in and deliver high detail images. This IR-corrected, CS mount lens has a focal length of 9 to 40 mm, and is designed to let the user take full advantage of the 1/2.5" and 1/3" sensors used by EverFocus' new cameras; and at a compact 50mm long, it is aesthetically pleasing when the camera is in view or easily fits within conventional camera housings.

Both new lenses offer a powerful combination of true megapixel resolution and IR correction in a compact envelope of only 50mm long. Theia's lenses maintain crisp, clear megapixel resolution images making them perfect accessories for EverFocus' HDcctv and IP 2 megapixel camera technology. With 2.7 times the horizontal pixels of a traditional standard definition image, HDcctv and 2 megapixel IP cameras offer the opportunity to replace up to five SD cameras and DVR ports with only two HDcctv cameras and ports, or with only two 2 megapixel IP cameras and NVR camera cameos/licenses while achieving the same resolution in the field of view as an SD image, all else being equal. EverFocus will demonstrate their EQH5200 series HDcctv and EAN3200 series IP cameras with Theia's lenses at ASIS in booth 1049.

Theia's SY110 1.7mm fixed focal length lens provides up to 120 degrees HFOV without barrel distortion using Theia's Linear Optical Technology® with 3 megapixel resolution and IR correction, at a more modest budget.

Theia's award winning Linear Optical Technology® provides an ultra wide field of view through all-optical distortion correction that removes barrel distortion without using software. Compared to typical wide angle lenses, Theia's technology increases resolution at the edges of the image improving the ability to recognize subjects.



Same camera (2~5mpix) and position:

2.5 – 4mm lens (at 2.5mm):	Theia's Linear Optical Technology®
	

About Theia

Theia Technologies provides high quality megapixel lenses for security and machine vision applications. Their patented, award winning Linear Optical Technology® corrects barrel distortion and improves image resolution over typical lenses. Theia lenses are designed and marketed from the US, and manufactured to ISO 9001 standards. Theia also provides optical engineering and custom design services. Theia has several issued and pending US and foreign patents for lens technologies. For more information, contact Andrea Iñiguez, +1 (503) 570-3296, or visit www.TheiaTech.com.

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About EverFocus

EverFocus Electronics Corp. is a leading manufacturer of CCTV and HDcctv cameras, DVRs, access control systems and other CCTV and access control peripherals. Headquartered in Taipei, Taiwan, EverFocus has offices located around the world including the U.S.A (California & New York), Germany, UK, China, India and Japan. EverFocus offers quality products, superior technical support, project design consultation, a certified dealer program, educational training and much more to meet the demands of our customers worldwide. We believe the key component to success lies in the development and quality of our products and excellent customer service. For more information, contact Michael Schuman at 631-436-5070, or visit (www.everfocus.com/main.cfm).

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